

IMPROVEMENTS

IN

AMERICAN

DENTISTRY

BY THE

American
Tooth Crown Co.

(REGISTERED)



24, OLD BOND STREET, W.

(Corner of Burlington Gardens.)



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THE PREMISES OF
THE AMERICAN
TOOTH CROWN COMPANY
(REGISTERED).



24, OLD BOND STREET, W.
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Improvements in American Dentistry.



THE improvement made in Dental Science in England is without doubt due to the introduction of American Dentists with American methods.

Before this introduction, what constituted the general practice of Dentistry in this country? The unnecessary extraction of roots and teeth, to make way for artificial teeth on a plate, unsightly and uncomfortable, kept in position by wires attached to sound teeth, which in course of time would decay on account of the friction of the fastenings, and cause no end of inconvenience and suffering. Many who did this kind of work had received little or no dental education, and it is well known that "Barbers" frequently performed the operation of extraction.

There were dentists of standing who deprecated this treatment, and who did their best to advance the profession and place it in a position to inspire public confidence, advising and assisting in the saving of teeth when possible, and they command the fullest respect for their endeavours in a good direction, but their appliances were so meagre, the general knowledge so limited, that little could be done in the way of improvement.

In America, Dentistry had for many years become a science, every possible means being employed to save decayed teeth. Aided by skilled education (obtained from the important Dental Colleges that were established), and appropriate and clever appliances, American operators were able to do satisfactory work to the teeth and permanently save them, and for this purpose, English people frequently visited America at great expense, willing to pay enormous fees, to have their teeth properly treated.

It soon became apparent that an institution working upon these lines was much needed in England, and the American Tooth Crown Company was promoted (now some years) with this object. It formed an association of American Operators for the performance of American Dentistry upon American

principles. From the moment it was publicly perceived that the indiscriminate extraction of roots or teeth were unnecessary, that in the hands of skilful men they might be permanently saved, the effect of good work being quickly appreciated and distributed, the American Tooth Crown Company progressed with remarkable strides, and its great success is evidence of the correctness of its endeavour.

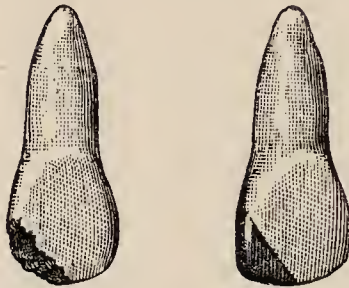
THE STAFF.

The Operators in attendance are graduates of the leading American Universities, the degrees of which are recognised by the American Dental Faculty, which body, in America, is the same as the Medical Council in England, and members of the Royal College of Surgeons of England, and qualified dentists, registered under the English Dental Act.

We will proceed to give an idea of the system we adopt for the restoration of decayed, and, apparently, useless roots and teeth. The scope of this book does not permit of every detail being given of the operations performed for permanently saving the teeth, however, the American Tooth Crown Company will be pleased at any time to give the fullest information, and shew specimens in and out of the mouth, to those desirous of consultation, without any fee.

CASE I.

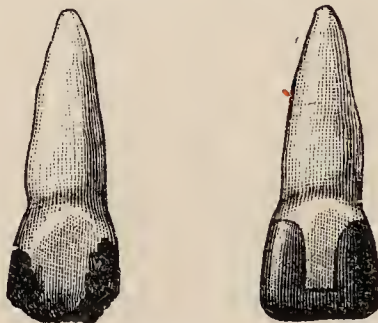
A Front Tooth Decayed at the Side.



We remove all decay from the cavity and so prepare it as to leave the remaining portion of the tooth quite solid. We then fill it and contour it to the shape of the lost part. The materials used would be gold or porcelain, the former being the most lasting, but in the event of objection being raised to the appearance of gold, although it does not show so much as one would expect, the porcelain, which can be prepared the same color as the tooth, would be adopted.

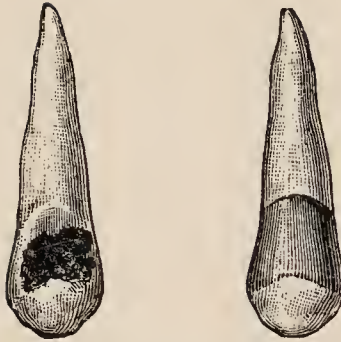


CASE II.



A similar operation to Case I., but the tooth is much more decayed and needs more skill and work.

CASE III.



A similar case to the preceding two as regards the class of work, but here the cavity is in the front of the tooth. Another operation that applies to this form of cavity is that of engrafting pieces of porcelain into cavities where gold would be objected to.



CASE IV.

We have now to do with a Tooth too far Decayed for Filling, which would be extracted by many Practitioners.

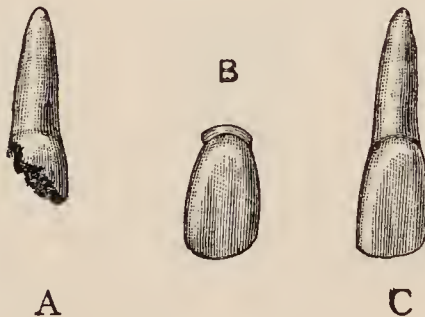


Diagram A is the decayed root. This is generally found to be what is technically called a dead tooth, or a tooth in which the nerve is dead, when it may be worked upon to

any extent without the least sensation. The root is treated and made perfectly healthy, and then prepared to receive the porcelain crown **B** (the same color as the adjoining teeth). It is then hermetically sealed as in diagram **C**.



CASE V.

Refers to back or masticating teeth, not sufficiently decayed to need crowning. We fill and build them up with gold amalgam, and, where practical, gold.



CASE VI.

Treatment for Back or Masticating Tooth, too far
Decayed for Filling.



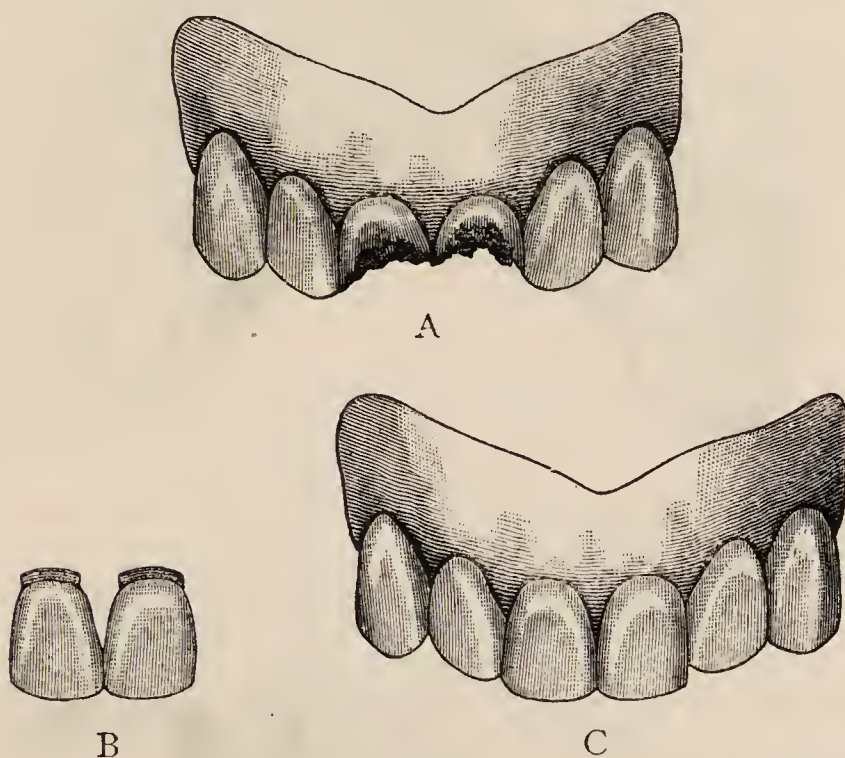
We carefully remove decay from **X** leaving the remaining portion of the tooth solid, and the cavity is filled up. The gold cap or crown **Y** is made to fit exactly over the crown of the tooth, protecting it from injurious external action. The crown is hermetically sealed, and the operation is completed **Z**.

The tooth in the condition of X not receiving dental attention would, after causing much pain, break off, whereas this operation saves the tooth and it will last for many years.



CASE VII.

Two Porcelain Crowns Attached to two Decayed Teeth.



A Illustrates the decayed teeth.

B The crowns before fixing.

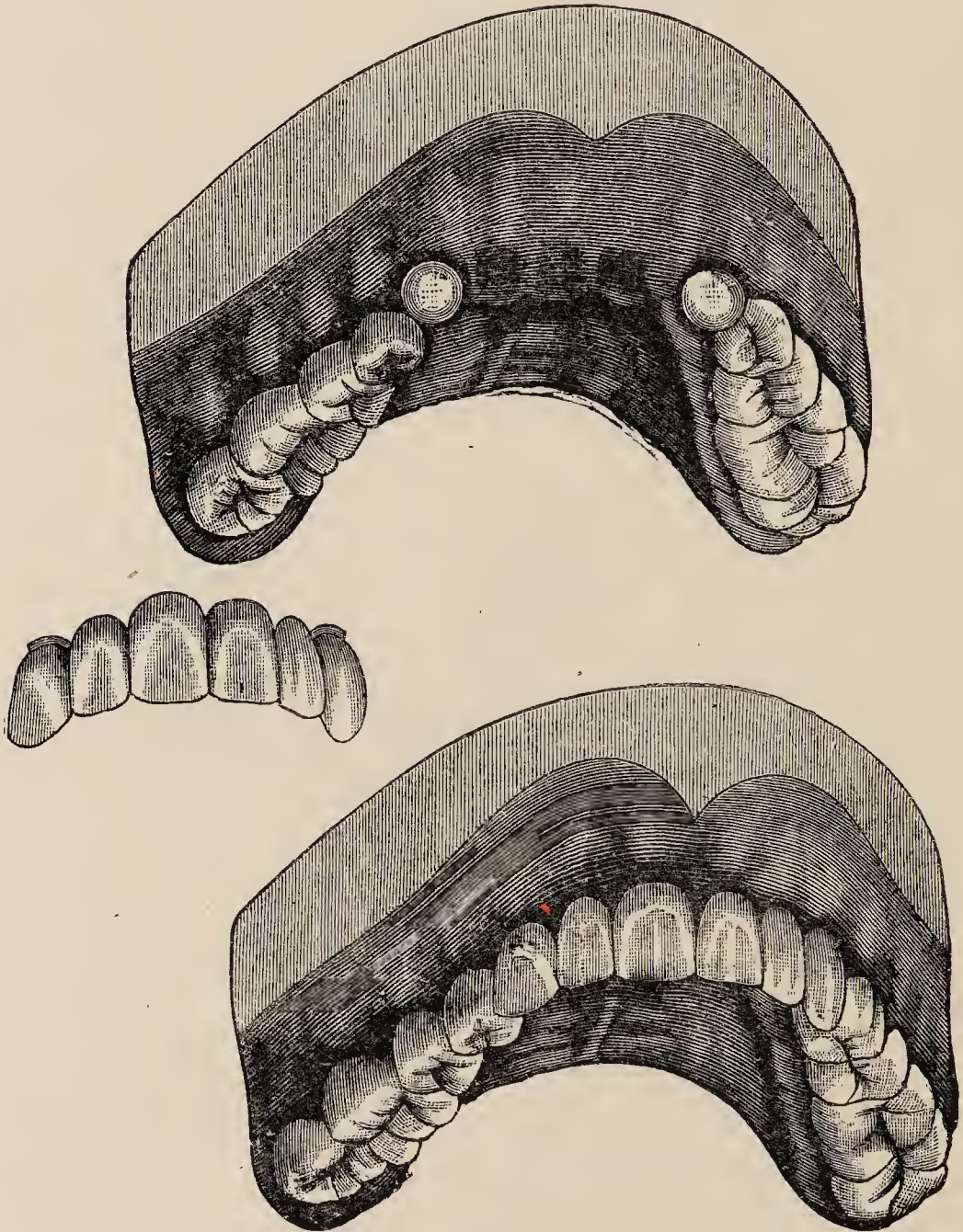
C The case completed.

In place of a single crown attached to one root, as in Case IV., we have two crowns on two roots. The crowns are connected, forming an example of simple bridge-work.

CASE VIII.

A more extended bridge, supplying all the front teeth, the two roots as shewn in diagram X are the pillars to support the bridge, which is permanently fixed.

Six Front Teeth supported by Two Roots.



X Shews the case without the teeth.

Y The bridge before fixing. The last tooth on either side is attached to the roots shewn in X.

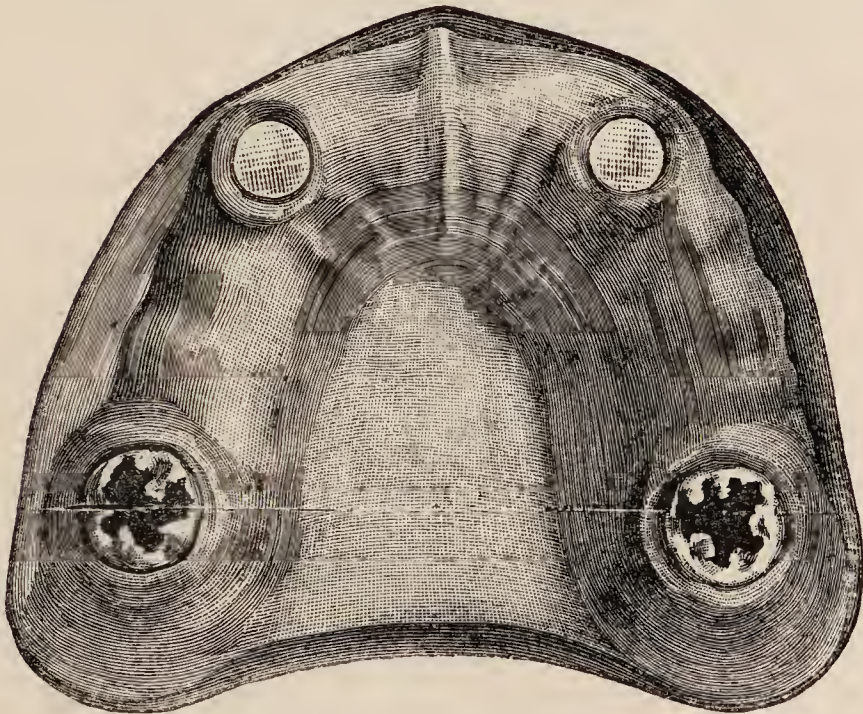
Z The bridge fixed.



CASE IX.

A whole Set of Teeth fixed, dependent upon Four Roots,
as shewn in Sketch below.

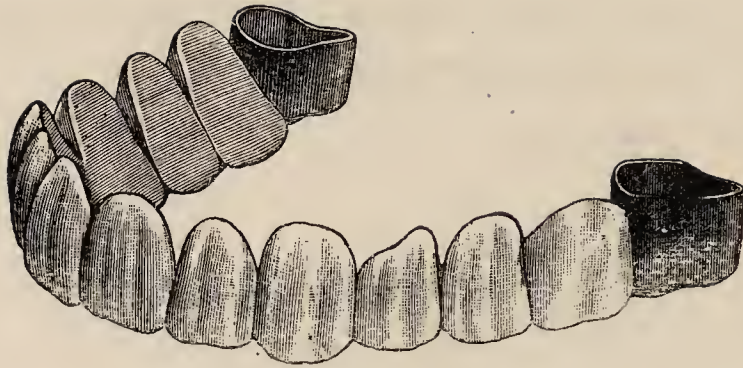
X



X Mouth with four roots only.

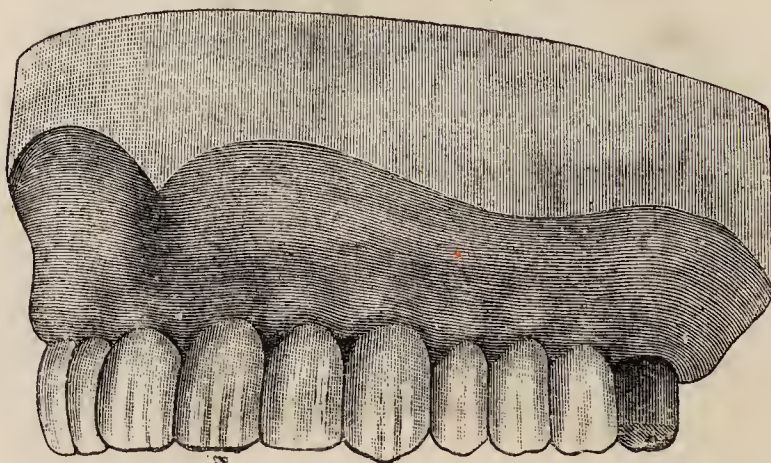
14

Y



Y The bridge. Two gold crowns are fitted over the decayed teeth at the back. Two porcelain crowns are fitted to the roots in the front of the mouth, teeth are fitted to fill up the vacant places, the whole is connected.

Z

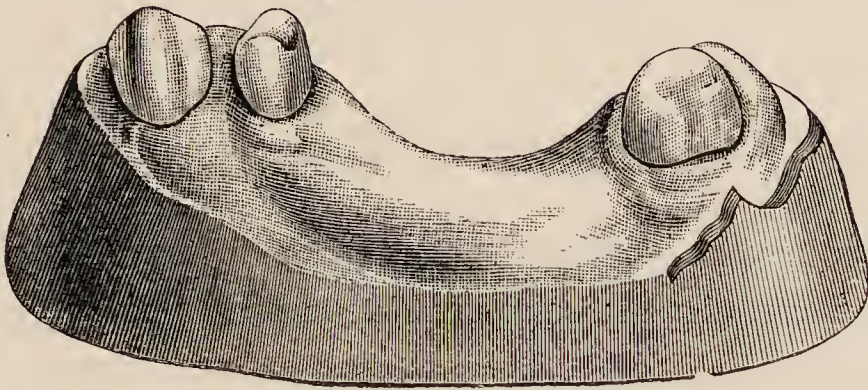


Z And the bridge fixed and hermetically sealed.

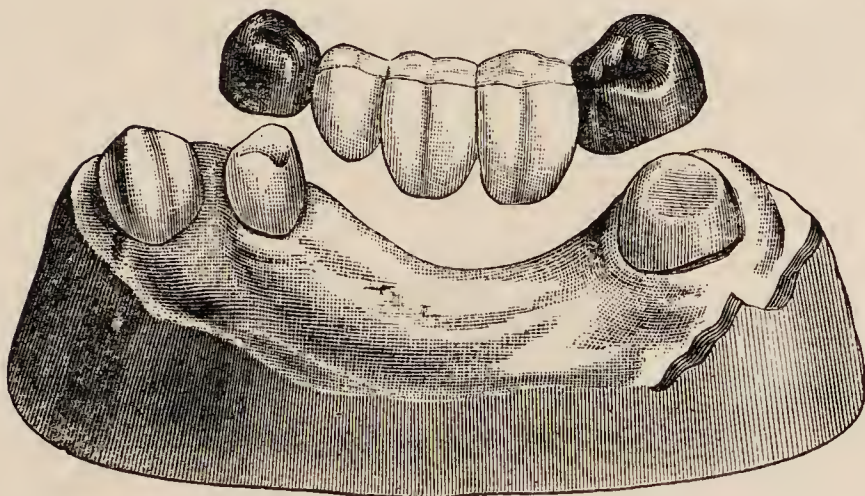
CASE X.

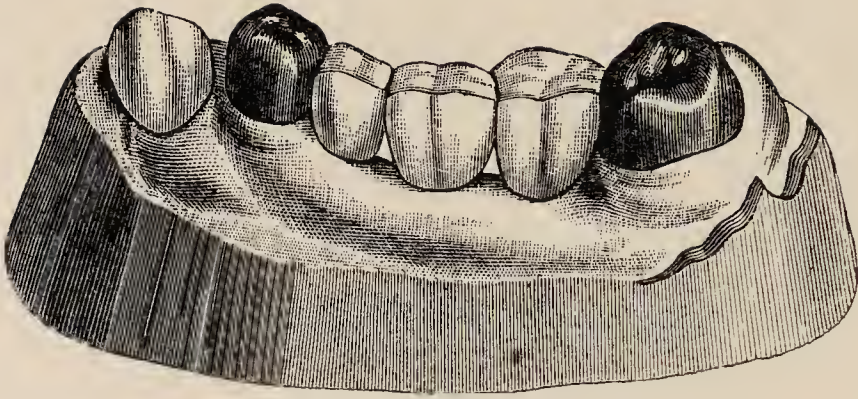
A Lower Bridge of Five Teeth at the Back of the Mouth
for the Purpose of Mastication.

A



B





A Back portion of the mouth before attention is given.

B Shews the bridge before fixing. Gold crowns are made to cover the decayed teeth standing, and between these are fitted the porcelain teeth to fill up the vacant space, the whole is then connected.

C And here is shewn the bridge affixed.

The technical name of the system by which these really marvellous results are attained, is known as American Crown Bar and Bridge Work.





CROWN AND BRIDGE WORK.

“ Bridge work fills a place second to no other system of restoration.”

The above passage, used by one of the highest authorities of American dentistry, adequately expresses the position that this most skilful branch of advanced dentistry holds. To be able to restore to usefulness and service a tooth or teeth which in the hands of many practising dentistry would be too far gone for aught but extraction is no mean talent to possess, and to such a high standard of work have the operators in attendance been educated, that there is no tooth, however decayed, which cannot with skill and attention be made perfectly serviceable.

There are dentists who from inability to practice the American methods, often tell their patients all sorts of tales for reasons quite apparent, but, it is an acknowledged fact that, when once a patient goes to an American dentist, not only will he scarcely, if ever,

require dental attention again, but he will never recommend any of his friends to go to any but an American dentist.

Perhaps it would not be out of place if we print here an extract from the *British Journal of Dental Science* touching upon the system of work our limited space forces us to inadequately explain, and this is conclusive of the opinion held by English dentists as regards the substantiality of the methods we adopt. We may say this journal in addressing its readers is offering suggestions to English dentists.

Extracts from the "British Journal of Dental Science."

"We would strenuously impress upon our readers the necessity of being well informed, and up to the standard of knowledge of the age in which we live, and not to lack the energy of our American brethren. If report be true, a gentleman started a practice very recently, and made a handsome income in about eleven months, entirely from Bridge Work and Contour Fillings.

"Naturally the patients he has, are those of other practitioners, who have not adopted the new systems, or who still delight in the use of large plates and amalgam fillings.

“The well-to-do English public begin to appreciate American inventions, and unless these improvements are quickly adopted, the English practitioners will soon fall into the background ; ‘prevention is better than cure.’”

In advising English dentists to apply themselves to the study of American dentistry as herein described they continue as follows :—

“We would advise them to take advantage of opportunities which, no doubt, will save them the loss of their patients, who will naturally prefer to go to practitioners who offer artificial teeth without plates or fastenings, and to avoid the necessity of taking them out to wash, as well as obviating the fetor of the breath so usual when plates are worn.

“It is also universally adopted throughout the States for its naturalness, simplicity, and quickness, saving half the time taken to execute other Bridge Work. We have seen the work and can speak highly of it.”

It is this system of dentistry, advocated as above, which is practised by the Americans who work at the American Tooth Crown Company.



FILLING DECAYED TEETH.

When teeth are decayed, all the decay should be carefully removed, and the tooth filled with a suitable material. Filling teeth by some is considered useless, because in the hands of incompetent operators it has been unsuccessful, but the fault lies entirely with the operators. There is no operation that is so universally satisfactory as filling teeth, and this, if done properly, should cause but very little inconvenience to the patient when being done, and none when finished. The material best suited to the tooth should be left to the judgment of the dentist, and the smaller the cavity the less trouble to everybody, and the better the success. If the nerves of the teeth are properly treated they can always be rendered insensible to pain, and even teeth with abscesses can be cured. All tartar should be removed from teeth as it injures the sockets in which they are fastened, and eventually loosens them and causes them to elongate and drop out. The removal of tartar will materially help to tighten loose teeth.

The materials that are used for filling teeth are porcelain (same color as the tooth), gold amalgam, and gold.

NO PAIN.

Every operation can be performed painlessly, and the judicious dentist knows what to use in each case, so that the patient need never have pain, even without the loss of consciousness, and what in other hands might be a painful operation, can be rendered quite painless.

Whenever desired or needed, anæsthetics—such as “laughing gas” or “ether,” can be administered to the patient, and will do no harm to his general health. Where anæsthetics are administered by the American Tooth Crown Company they are given by a qualified English medical man, and a lady attendant is always present when they are administered to ladies.



ARTIFICIAL TEETH ON SUCTION PRINCIPLES.

It is obvious in cases where all the roots and teeth have been extracted or have fallen out, our system of Bridge Work cannot apply, since we are without

supports for our Bridge, but artificial teeth can be made by suction to give the *greatest possible comfort if they fit well, are of good materials, and scientifically made.*

It is reasonable to conclude that if artificial teeth do not fit well they will, from their looseness, be constantly moving about the mouth, and what can be more unsightly and uncomfortable? If the case is one where Bridge Work cannot be applied, and other work is necessary, teeth can be made which will give perfect comfort. It is when wires are made to keep a plate in its place, that constant friction against the teeth to which they are fitted wears through the enamel and so destroys the teeth. As regards this class of work, often used in cases, much pain is caused from inflammation, brought on by the irritants by which such materials are composed.

In cases constructed on our system we do not use any fastenings as described above, simply relying upon suction which can always be obtained by a scientific operator.



CHILDREN'S TEETH.

Much depends upon early attention to children's teeth. It is advisable that parents should take the greatest possible care (to ensure for their children a good permanent set of teeth) to have them examined from time to time before the permanent ones are fully in position, for which no charge will be made. Teeth are much more easily regulated when early attention is given, but, in the very worst cases of irregularities, it is surprising what improvements can be made.



LOOSE TEETH.

In many cases by skilful treatment teeth may be tightened and made useful. A number of patients have been attended to by us when the "Bar System" has been adopted, which briefly explained, is a method of connecting loose teeth to adjoining tight ones, enabling the irritated bone and tissue round the loose tooth to become healthy, and in that way the tooth gets firm again.

FEES.

Where different attention is required in each case, it is obviously difficult to publish fees, however, consultations are free, and patients will be told what is necessary, and the cost for attention, before work is commenced.

Persons of reduced means and servants will be seen on Monday and Thursday evenings between 5 and 6 o'clock, when a less fee will be charged.

Every information will be given without fee.



A few copies of Testimonials received from
Patients who have been under our care.



*Numerous other Testimonials have been received, and can be
seen at the American Tooth Crown Company.*



K . . . n, Dumfries, N.B.,
January 22nd, 1891.

DEAR SIR,—I have much pleasure in being able to tell you
that the dental work you did for me has given me every satis-
faction, and I have to thank you very much for your care and
attention.

Believe me, yours very sincerely,
R . . . A C . . . N.



Tite Street,
January 2nd, 1891.

MRS. B. N . . . N regrets not having been able to write before,
but is glad to be able to say that her teeth are most satisfactory
in every respect, and are so comfortable that Mrs. N. quite
forgets that they are not grown in her mouth. Mrs. N. is very
grateful for all the trouble taken over her case.



C . . . e C . . . e, Hayes,
January 15th, 1891.

MISS W . . . F wishes to thank the American Tooth Crown
Company for the great care and attention bestowed on her case,
also to let them know that she is very pleased with the teeth,
which are quite comfortable.

C d,
 St. F s,
 C f,
17th August, 1892.

DEAR SIR,—I write this to express my satisfaction with the professional services rendered by the association, and shall not hesitate to recommend it where reliable work is required.

Yours very truly,
 R. R s.

H . . . d L . . . e, Clapham Park,
April 7th, 1891.

DEAR SIR,—Up to the present time the tooth with which you supplied me has proved very satisfactory, and the abscess that had been such a trouble to me has been quite cured.

I remain, yours faithfully,
 E. C . . . s.

H . . . k H . . . l, N.W.,
April 8th, 1891.

MRS. M . . . s wishes to say she was quite satisfied with the attention she received from the American Tooth Crown Company, and intends to call again shortly.

P . . . n L . . . e, Andover,
January 14th, 1891.

MR. R . . . N begs to say the dental work done in the summer has given every satisfaction, and hopes to pay another visit in May next.

The L . . . s, W . . . y,
Bucks.,

April 10th, 1891.

MISS H . . . E wishes to thank the Secretary for kind enquiries as to whether the attention she received was satisfactory, and begs to say it has been *most* satisfactory, and she is much pleased with their work.



49, E . . . n C . . . t, W.,

April 12th, 1891.

DEAR SIR,—The work to my teeth done at your establishment has been eminently satisfactory so far, my mouth has been perfectly comfortable ever since. Pray forgive my not answering sooner, I have been particularly busy these last few weeks, and continue so for another few days, after which I shall have the pleasure of calling upon you soon.

Yours truly,

M . . . E W . . . F.



R. M. O . . . s H . . . e,

Southampton,

May 16th, 1891.

GENTLEMEN,—Your letter of April 3rd only reached me yesterday, on my return from abroad. I thank you for your enquiry, and am glad to say that the dental work done has proved most satisfactory ; I have had no trouble with my teeth since.

I am, Gentlemen,

Yours truly,

E . . . N W . . . N.

R y P . . . k, R . . . e,
Herts.,

April 17th, 1891.

DEAR SIRs,—In reply to your enquiry, I have pleasure in informing you that the quality of your dental work has been quite satisfactory in my case.

Yours truly,

R. F . . . T L . . . D.

B n, Waterford,

April 15th, 1891.

In reply to letter forwarded, Miss P . . l begs to inform the Secretary of the American Tooth Crown Co. that she has had great comfort from her teeth since their treatment, and no return of the pain from which she had suffered so much previously.

35, L s S . . . e, S.W.

MISS C writes to say the work done for her by the Company continues to be highly satisfactory, she derives great comfort from the same.

March 21st, 1889.

W . . . e V . . . a, H . . . m,

October 18th, 1888.

DEAR SIR,—I have much pleasure in assuring you that I have never had so much comfort in taking food since I have needed false teeth (now over 20 years), as I have since I consulted you.

Yours truly,

C. S N.

J . . . 's S . . . e, N g H . . l,
July 14th, 1892.

DEAR SIR,—I have been unable to answer your note before this. I am very glad to be able to tell you that I have derived the greatest comfort and satisfaction from all the work you have done for me, and I have the greatest pleasure in recommending you to my friends. Thanking you for your kind attention.

Yours truly, M. R. M s.

11, B . . e, R . . d, W . . t, K . . n, P . . k,
September 26th, 1889.

MRS. C . . . E has to apologise for the delay in reply to the Secretary's enquiries regarding the work done for her daughter. She has much pleasure in stating it continues perfectly satisfactory, and has not failed to recommend the Company.

14, H . . . t S . . . t, H . . . e H . . . l,
September 29th, 1889.

DEAR SIR,—With reference to the attendance on Mrs. L, I firstly thank you for the great reduction in fee, and secondly express my great admiration for the excellent work done. As an admirer of dental art I confess that I have never before seen anything to equal the neatness with which the operation has been performed. Even if I had not promised, I would, in the interest of my own friends, decidedly recommend them to your establishment. I have done so already in three different families.

Believe me, dear sir, yours sincerely,

R. L N.

10, C . . . s R . . d, St. J . . . s W . . d.

MISS D having been from home for some time must apologise for not replying earlier to the note received. She has much pleasure in stating that the work done for her by the Company has given entire satisfaction.

May 22nd, 1889.

T . e R y, C l S y,
C d,

June 16th, 1892.

DEAR MADAM,—In reply to your kind letter of enquiry, concerning the dental work done for me, I must say, so far it has proved most satisfactory, and I feel very grateful for all work that has been well executed.

Truly yours,

A . A J. C. G S.

S . . d S . . c, L . . e P . . k, S . . m,

October 25th, 1890.

DEAR SIR,—I am quite satisfied with the dental work I have had done for myself and children, and hope to continue coming to you if any further is required.

Yours very truly,

J . . . E H . . . S.

N k, C a,

June 12th, 1892.

DEAR MADAM,—In reply to your letter of the 10th inst., I beg to say I am highly pleased with the result of the dental operation, and so far I have found it most satisfactory.

I remain, yours truly,

M. S TT.

42, S . . . e Villas.

MISS P . . . N presents her compliments to the Secretary of the American Tooth Crown Company, and is glad to inform him that the work done for Miss P . . . n by the Company continues perfectly satisfactory, and therefore she returns the appointment card, for sending which Miss P . . . n is much indebted.

March 22nd, 1889.

88, M . . . r R . . . d, B . . . y,
December 4th, 1890.

MRS. C . . . D presents compliments to the Secretary, and begs to say that all work done by the Tooth Crown Company for her family has been most satisfactory.

P d P . . . e,
June 12th, 1892.

Mrs. M D is happy to say that the tooth done for her by the American Tooth Crown Company is most satisfactory, it has not given her the slightest trouble since it was done.

R . . . g,
March 28th, 1889.

SIR,—I am happy to inform you that the work done by the Company for me is at present in every way satisfactory, and when I am next in town I will give you a call.

Faithfully yours,

J. E M.

82, G . . . n S . . . t, London,
14th October, 1889.

MR. W . . . N presents his compliments to the Secretary of the American Tooth Crown Company, and begs to say that the work done a short time ago for him is thoroughly satisfactory.

L h,
 T m,
June 15th, 1892.

DEAR MADAM,—I have much pleasure in saying the dental work done by Dr. T has been (so far) in every way most successful.

Yours sincerely,

J. B R.

R . . . t S . . . t, London,

August 30th, 1889.

DEAR SIR,—I have much pleasure in assuring the American Tooth Crown Company that the teeth which I had put in about two months ago have proved a wonderful success, not only are they natural and life-like in appearance, but they are as firm as a rock, and are as good or better for mastication than the real teeth. I shall never think of going to any other dentist, and shall not fail to recommend the American Tooth Crown Company whenever I get an opportunity.

Yours respectfully,

W. G. H L.

9, M . . . r R . . . d,

St. J . . . s C . . . e, P . . . k.

MRS. B . . . T has much pleasure in informing the Secretary that the teeth made for her are perfectly satisfactory in every respect, and she will certainly recommend the American Tooth Crown Company to all her friends.

March 22nd, 1889.

S r H . . . e,

To the Secretary,

C u, B s.

DEAR MADAM,—I promised to write and let you know how my teeth fitted. The gentleman who took the model is *perfect* in fitting and deserves a vote of thanks. Please convey my thanks to him.

Yours sincerely, M. S T.

7, C . . . m P . . . e, S.W.

17th April, 1889,

LADY C . . . L presents her compliments to the Secretary, and has much pleasure in enclosing her cheque for the account, which she considers most moderate.

